Assignment -2

Python Programming

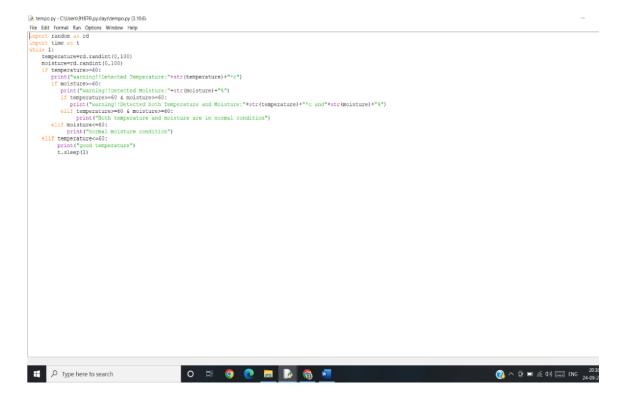
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Question-1:

Build a python code, Assume to get Temperature and Humidity values (Generated with Random Function to a Variable) and write a condition to continuously detect alarm in case of high temperature.

Solution:

```
import random as rd
import time as t
while1:
 temperature=rd.randint(0,100)
moisture=rd.randint(0,100) if
temperature>=60:
   print("warning!!Detected Temperature:"+str(temperature)+"*c")
if moisture>=60:
     print("warning!!Detected Moisture:"+str(moisture)+"%")
if temperature>=60 & moisture>=60:
      print("warning!!Detected both Temperature and Moisture:"+str(temperature)+"*c
and"+str(moisture)+"%")
elif temperature>=60 & moisture>=60:
        print("Both temperature and moisture are in normal condition")
elif moisture<=60:
      print("normal moisture condition")
elif temperature<=60:
    print("good temperature")
    t.sleep(1)
```



Output

